

~~58~~ ~~100~~ ~~166~~ ~~184~~ ~~200~~ ~~333~~ ~~416~~ ~~500~~ —

~~* hydrolyzed gelatin~~

FIGURE 1

Sample	Mean OD
Vitrogen	~0.61
BSA	~0.02
F20	~0.04
F21	~0.27
F27	~0.42

Handwritten labels below x-axis:

- SEQ ID NO: 19 (under F20)
- SEQ ID NO: 20 (under F21)
- SEQ ID NO: 21 (under F27)

Horizontal line label: PROTOCOL 1: MAXISORB 680 WST

SEQ ID NO: 19

[illegible]

FIGURE 2B

000116807260

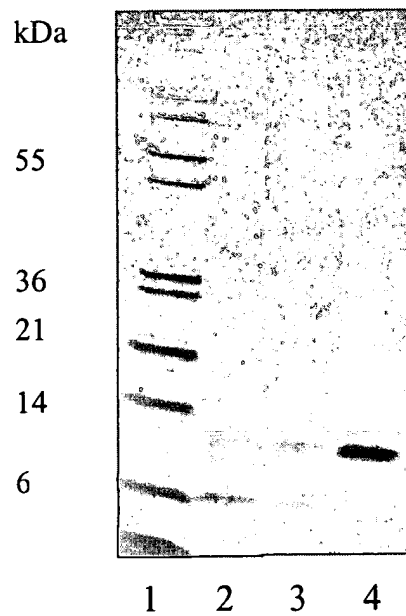


FIGURE 3

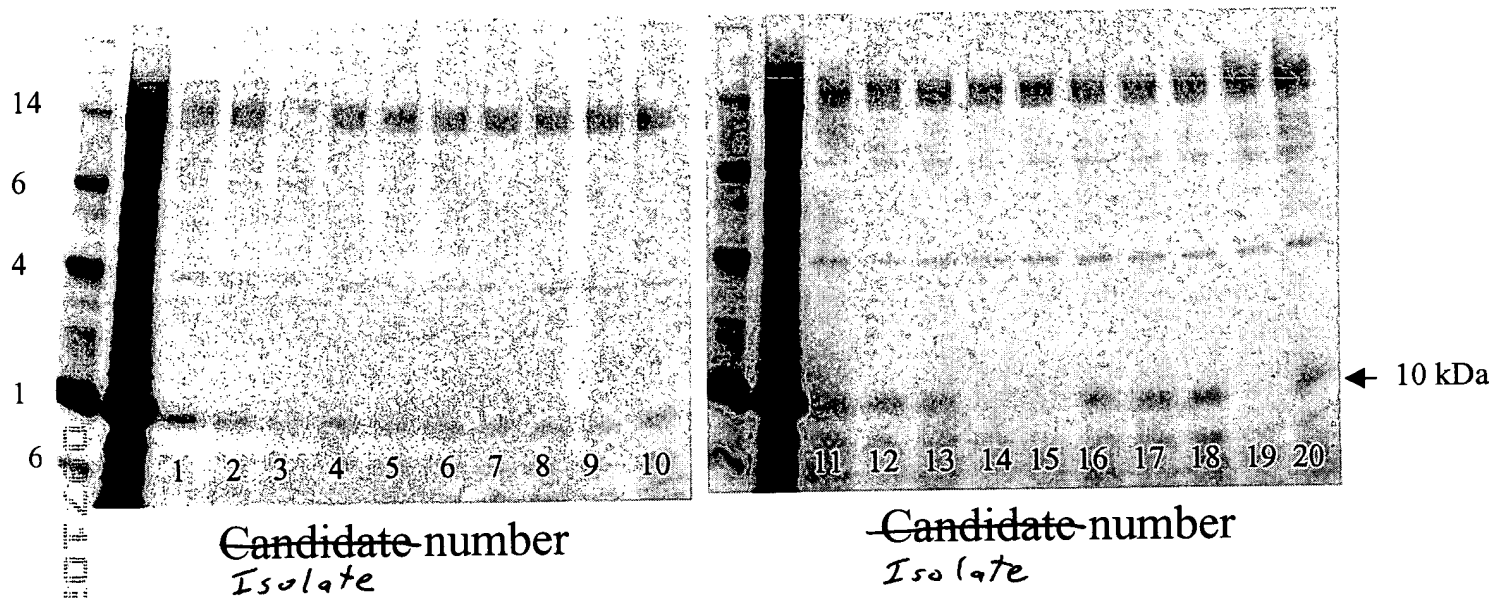


FIGURE 4

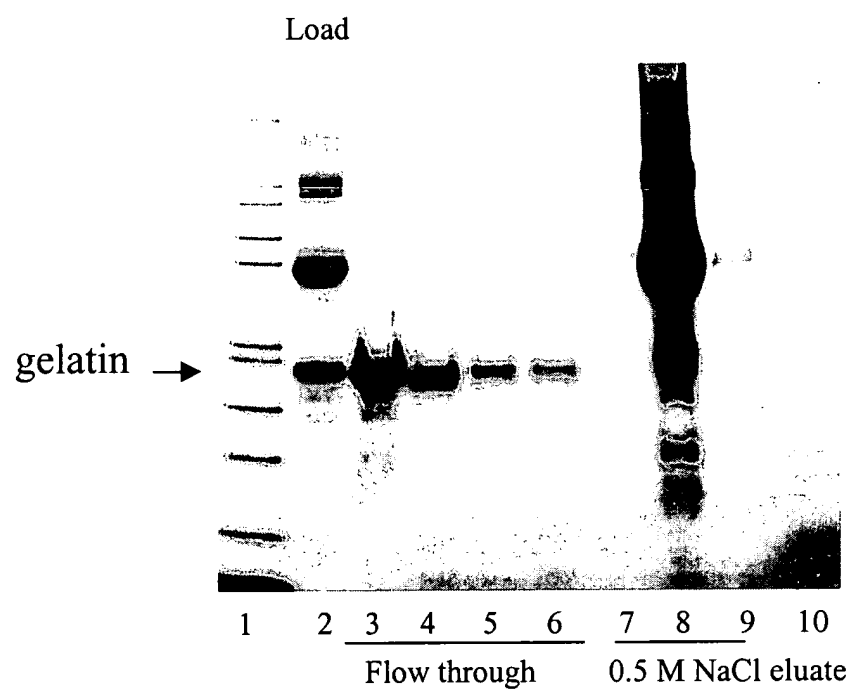


FIGURE 5

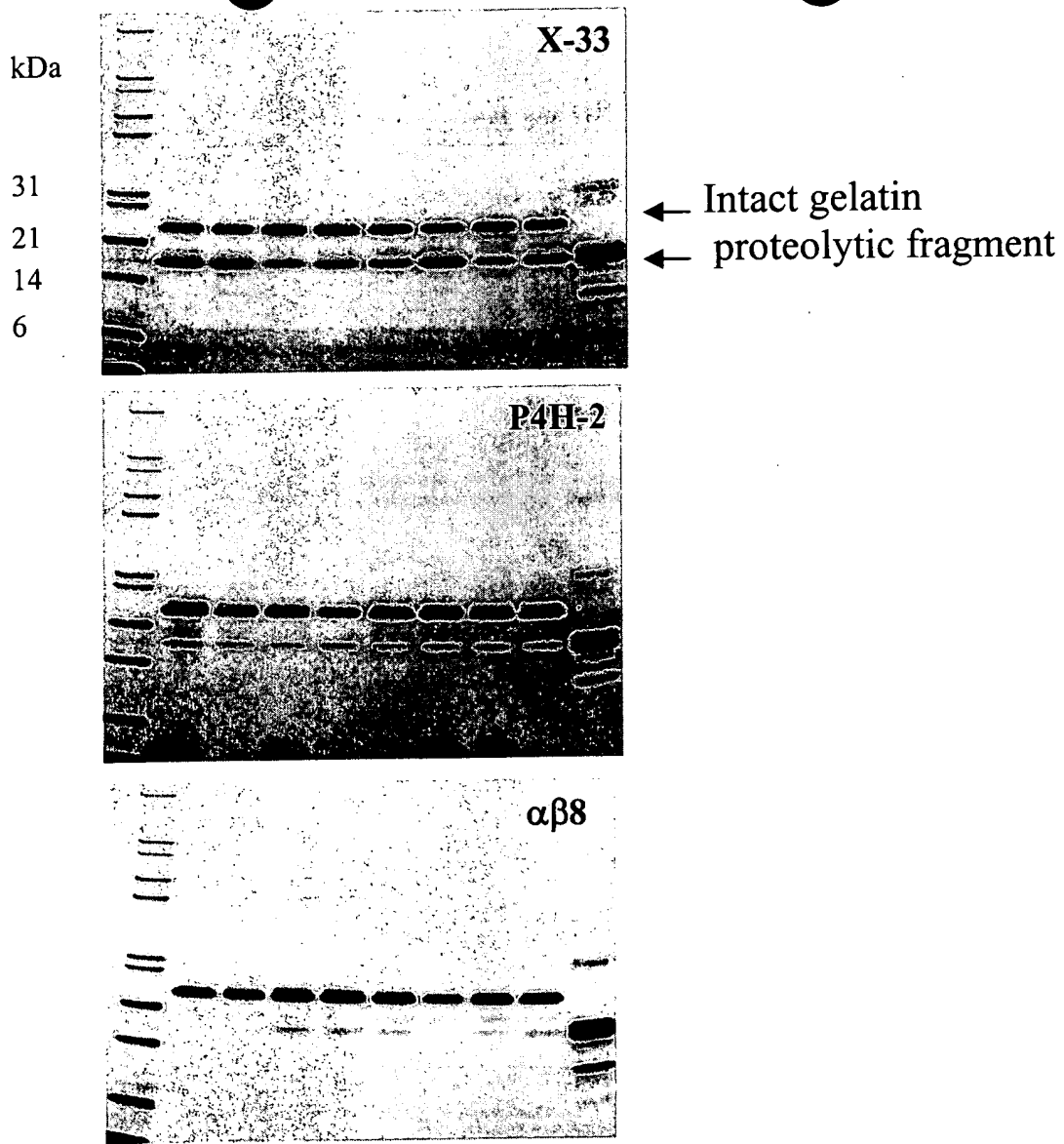


Figure 6

0.0%	0.015%	0.031%	0.0625%	0.125%	0.25%	0.5%	1%	2%
------	--------	--------	---------	--------	-------	------	----	----

0.0%	0.015%	0.031%	0.0625%	0.125%	0.25%	0.5%	1.0%	2.0%
------	--------	--------	---------	--------	-------	------	------	------

FIGURE 7

000T 620T 250

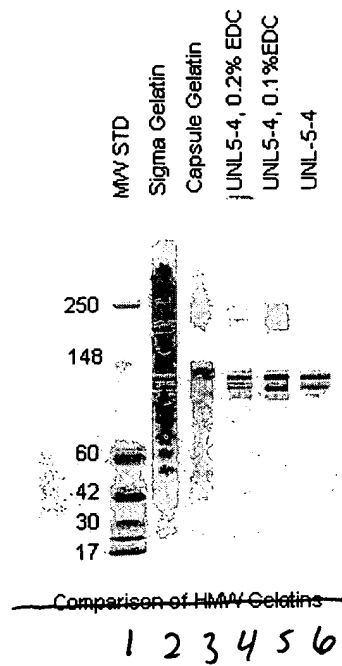


FIGURE 8

Commercially Available Vaccine Stabilizers.
 Dynagel-1: lot 13130, Dynagel-2: lot 13065

FIGURE 9

MW STD
 pH2, 0hr
 pH2, 0.5hr
 pH2, 1hr
 pH2, 1.5hr
 pH2, 2hr
 pH2, 2.5hr

MW STD
 pH3, 0hr
 pH3, 0.5hr
 pH3, 1hr
 pH3, 1.5hr
 pH3, 2hr
 pH3, 2.5hr

MW STD
pH4, 0hr
pH4, 4hr
pH4, 8hr
pH4, 11.5hr
pH4, 16hr
pH4, 20hr
pH4, 24hr

MW STD
 pH5, 0hr
 pH5, 14hr
 pH5, 16hr
 pH5, 18hr
 pH5, 20hr
 pH5, 22hr
 pH5, 24hr

MW STD
 pH6, 0hr
 pH6, 14hr
 pH6, 16hr
 pH6, 18hr
 pH6, 20hr
 pH6, 22hr
 pH6, 24hr

FIGURE 10E

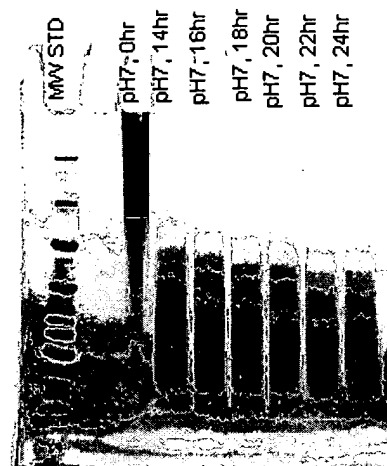


FIGURE 10F

MWV STD

pH4 0hr

pH4 2hr

pH4 4hr

pH4 6hr

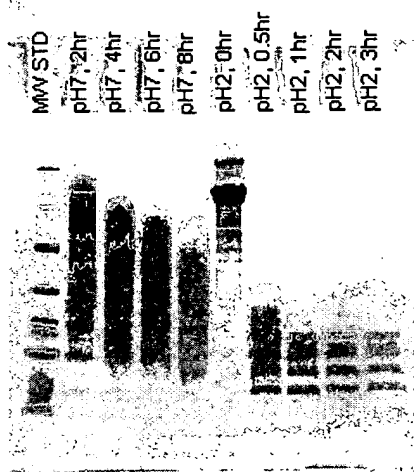
pH4 8hr

pH4 10hr

pH	0hr	2hr	4hr	6hr	8hr	10hr
5.0	0	0	0	0	0	0
6.0	0	0	0	0	0	0
7.0	0	0	0	0	0	0
8.0	0	0	0	0	0	0
9.0	0	0	0	0	0	0
10.0	0	0	0	0	0	0

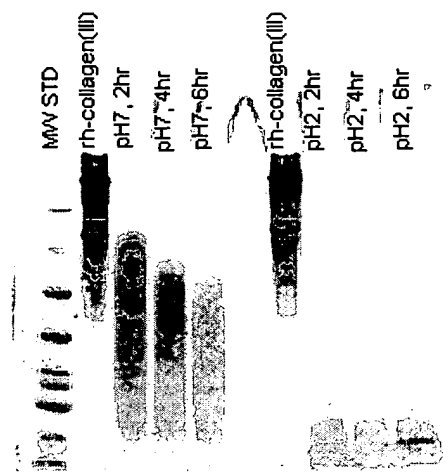
MMW STD

pH6, 0hr
pH6, 2hr
pH6, 4hr
pH6, 6hr
pH6, 8hr
pH6, 10hr
pH6, 12hr
pH6, 14hr



Hydrolysis of rh-collagen (I) @ 120C

FIGURE 12A



Hydrolysis of rh-collagen(III) @120C

FIGURE 12B

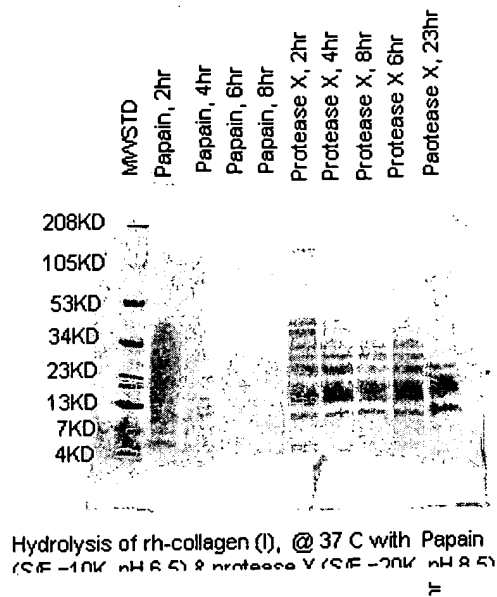
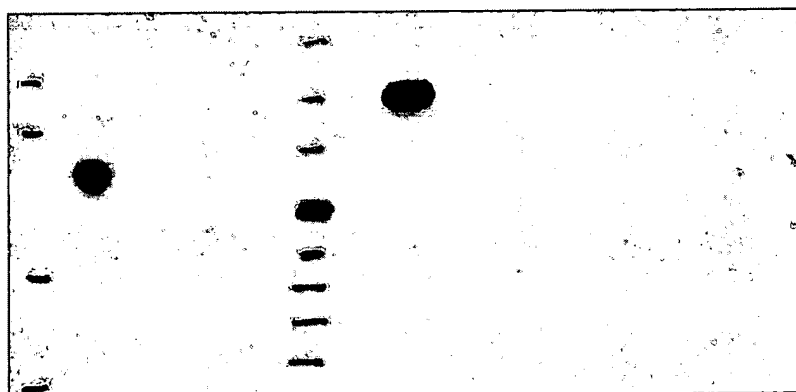


FIGURE 13

10-20% Tricine

10-20% Tricine



M rhcI rhcIII vitr M rhcI ~~6~~ ~~10~~ ~~18~~ ~~33~~ ~~50~~ ~~65~~

81 : PM 01 DES

61:0V d1 095

SECRET ID No: 20

7C: NV DI 7D35

Seq ID N: 22

SEQ ID NO: 33

FIGURE 14

FIGURE 15A

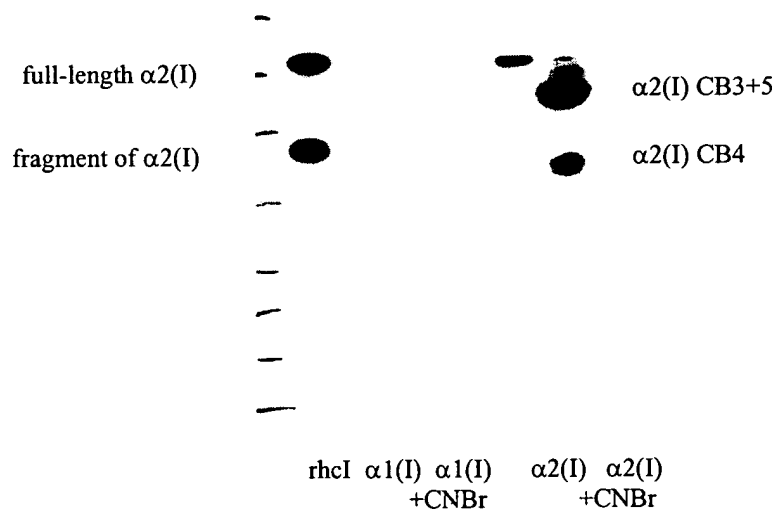


FIGURE 15B

